

\$%^STN;HighlightOn= ***;HighlightOff=*** ;

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NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS 4 Apr 09 ZDB will be removed from STN
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available
NEWS 9 Jun 03 New e-mail delivery for search results now available
NEWS 10 Jun 10 MEDLINE Reload
NEWS 11 Jun 10 PCTFULL has been reloaded
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;
saved answer sets no longer valid
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY
NEWS 15 Jul 30 NETFIRST to be removed from STN
NEWS 16 Aug 08 CANCERLIT reload
NEWS 17 Aug 08 PHARMAMarketLetter (PHARMAML) - new on STN
NEWS 18 Aug 08 NTIS has been reloaded and enhanced
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)
now available on STN
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985
NEWS 28 Oct 21 EVENTLINE has been reloaded
NEWS 29 Oct 24 BEILSTEIN adds new search fields
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT

NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002

NEWS HOURS STN Operating Hours Plus Help Desk Availability

NEWS INTER General Internet Information

NEWS LOGIN Help Desk Availability

NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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=> gricola biosis embase caplus
GRICOLA IS NOT A RECOGNIZED COMMAND

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"HELP COMMANDS" at an arrow prompt (=) .

=> file agricola biosis embase capplus

| COST IN U.S. DOLLARS | SINCE FILE
ENTRY | TOTAL
SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 0.21 | 0.21 |

FILE 'AGRICOLA' ENTERED AT 11:38:34 ON 20 NOV 2002

FILE 'BIOSIS' ENTERED AT 11:38:34 ON 20 NOV 2002
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=> s rhamnosyltransferase(w) activity
L1 22 RHAMNOSYLTRANSFERASE(W) ACTIVITY

=> duplicate remove 11
DUPLICATE PREFERENCE IS 'AGRICOLA, BIOSIS, EMBASE, CAPLUS'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n

PROCESSING COMPLETED FOR L1
L2 8 DUPLICATE REMOVE L1 (14 DUPLICATES REMOVED)

=> d 12 1-8

L2 ANSWER 1 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 1
AN 2001:277433 BIOSIS

DN PREV200100277433
TI Cloning and functional characterization of the *Pseudomonas aeruginosa* rhlC gene that encodes rhamnosyltransferase 2, an enzyme responsible for di-rhamnolipid biosynthesis.
AU Rahim, Rahim; Ochsner, Urs A.; Olvera, Clarita; Graninger, Michael; Messner, Paul; Lam, Joseph S. (1); Soberon-Chavez, Gloria
CS (1) Department of Microbiology, University of Guelph, Guelph, ON, N1G 2W1: jlam@uoguelph.ca Canada
SO Molecular Microbiology, (May, 2001) Vol. 40, No. 3, pp. 708-718. print.
ISSN: 0950-382X.
DT Article
LA English
SL English

L2 ANSWER 2 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 2
AN 2000:390663 BIOSIS
DN PREV200000390663
TI The cps locus of *Streptococcus suis* serotype 2: Genetic determinant for the synthesis of sialic acid.
AU Smith, Hilde E. (1); de Vries, Ruth; van't Slot, Ruben; Smits, Mari A.
CS (1) Department of Bacteriology, Institute for Animal Science and Health, 8200 AB, Lelystad Netherlands
SO Microbial Pathogenesis, (August, 2000) Vol. 29, No. 2, pp. 127-134. print.
ISSN: 0882-4010.
DT Article
LA English
SL English

L2 ANSWER 3 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 3
AN 1995:367959 BIOSIS
DN PREV199598382259
TI Autoinducer-mediated regulation of rhamnolipid biosurfactant synthesis in *Pseudomonas aeruginosa*.
AU Ochsner, Urs A.; Reiser, Jakob (1)
CS (1) Natl. Inst. Neurol. Disorders Stroke, Natl. Inst. Health, Building 10, Room 3D04, Bethesda, MD 20892 USA
SO Proceedings of the National Academy of Sciences of the United States of America, (1995) Vol. 92, No. 14, pp. 6424-6428.
ISSN: 0027-8424.
DT Article
LA English

L2 ANSWER 4 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 4
AN 1994:404922 BIOSIS
DN PREV199497417922
TI Isolation, Characterization, and Expression in *Escherichia coli* of the *Pseudomonas aeruginosa* rhlAB Genes Encoding a Rhamnosyltransferase Involved in Rhamnolipid Biosurfactant Synthesis.
AU Ochsner, Urs A.; Fiechter, Armin; Reiser, Jakob (1)
CS (1) NIH, NINDS, Build. 10, Room 3D04, Bethesda, MD 20892 USA
SO Journal of Biological Chemistry, (1994) Vol. 269, No. 31, pp. 19787-19795.
ISSN: 0021-9258.
DT Article
LA English

L2 ANSWER 5 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 5
AN 1994:256121 BIOSIS

DN PREV199497269121
TI Isolation and characterization of a regulatory gene affecting rhamnolipid biosurfactant synthesis in *Pseudomonas aeruginosa*.
AU Ochsner, Urs A.; Koch, Andreas K.; Fiechter, Armin; Reiser, Jakob (1)
CS (1) National Institute Neurological Disorders and Stroke, Build. 10, Room 4N309, Bethesda, MD 20892 USA
SO Journal of Bacteriology, (1994) Vol. 176, No. 7, pp. 2044-2054.
ISSN: 0021-9193.
DT Article
LA English

L2 ANSWER 6 OF 8 AGRICOLA DUPLICATE 6
AN 94:34356 AGRICOLA
DN IND20389777
TI Juvenile-specific localization and accumulation of a rhamnosyltransferase and its bitter flavonoid in foliage, flowers, and young citrus fruits.
AU Bar-Peled, M.; Fluhr, R.; Gressel, J.
AV DNAL (450 P692)
SO Plant physiology, Dec 1993. Vol. 103, No. 4. p. 1377-1384
Publisher: Rockville, MD : American Society of Plant Physiologists, 1926-
CODEN: PLPHAY; ISSN: 0032-0889
NTE Includes references
CY Maryland; United States
DT Article; Conference
FS U.S. Imprints not USDA, Experiment or Extension
LA English

L2 ANSWER 7 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 7
AN 1990:113808 BIOSIS
DN BA89:63299
TI FLAVANONE GLYCOSIDE BIOSYNTHESIS IN CITRUS CHALCONE SYNTHASE UDP-GLUCOSE FLAVANONE-7-O-GLUCOSYLTRANSFERASE AND ***RHAMNOSYLTRANSFERASE***
ACTIVITIES IN CELL-FREE EXTRACTS.
AU LEWINSOHN E; BRITSCH L; MAZUR Y; GRESSEL J
CS DEP. PLANT GENET., WEIZMANN INST. SCI., REHOVOT, IL-76100, ISRAEL.
SO PLANT PHYSIOL (BETHESDA), (1989) 91 (4), 1323-1328.
CODEN: PLPHAY. ISSN: 0032-0889.
FS BA; OLD
LA English

L2 ANSWER 8 OF 8 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 8
AN 1980:233643 BIOSIS
DN BA70:26139
TI IDENTIFICATION PROPERTIES AND GENETIC CONTROL OF UDP L RHAMNOSE ANTHO CYANIDIN 3-O GLUCOSIDE 6-O RHAMNOSYL TRANSFERASE ISOLATED FROM PETALS OF THE RED CAMPION SILENE-DIOICA.
AU KAMSTEEG J; JAN VAN BREDERODE; GERRIT VAN NIGTEVECHT
CS DEP. HUM. ECOL., P.O. BOX 8060, WAGENINGEN, NETH.
SO Z NATURFORSCH TEIL C BIOCHEM BIOPHYS BIOL VIROL, (1980) 35 (3-4), 249-257.
CODEN:ZNFCAP. ISSN: 0341-0471.
FS BA; OLD
LA English

=>

---Logging off of STN---

=>
Executing the logoff script...

=> LOG Y

| COST IN U.S. DOLLARS | SINCE FILE
ENTRY | TOTAL
SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 18.22 | 18.43 |

STN INTERNATIONAL LOGOFF AT 11:40:08 ON 20 NOV 2002

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NEWS WWW CAS World Wide Web Site (general information)

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=> file agricola biosis emabase capplus
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| COST IN U.S. DOLLARS | SINCE FILE
ENTRY | TOTAL
SESSION |
|----------------------|---------------------|------------------|
| FULL ESTIMATED COST | 0.21 | 0.21 |

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L1 62 GRAPEFRUIT AND TRANSFORM?

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=> duplicate remove l1
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KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/ (N) :n
PROCESSING COMPLETED FOR L1
L2          53 DUPLICATE REMOVE L1 (9 DUPLICATES REMOVED)
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=> s l2 and sweetness
L3 O L2 AND SWEETNESS

=> s 12 and bitterness
L4 O L2 AND BITTERNESS

=> d 12 1-5

L2 ANSWER 1 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 2002:172119 CAPLUS
DN 136:231339
TI Carotenoid production from a single carbon substrate
IN Brzostowicz, Patricia C.; Cheng, Qiong; Dicosimo, Deana J.; Koffas, Mattheos; Miller, Edward S.; Odom, J. Martin; Picataggio, Stephen K.; Rouviere, Pierre E.
PA E.I. Dupont De Nemours and Company, USA
SO PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 4

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|---|------|----------|-----------------|----------|
| PI | WO 2002018617 | A2 | 20020307 | WO 2001-US27420 | 20010904 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | US 2002142408 | A1 | 20021003 | US 2001-938956 | 20010824 |
| | AU 2001088699 | A5 | 20020313 | AU 2001-88699 | 20010904 |
| PRAI | US 2000-229858P | P | 20000901 | | |
| | US 2000-229907P | P | 20000901 | | |
| | WO 2001-US27420 | W | 20010904 | | |

L2 ANSWER 2 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 2002:367322 CAPLUS
DN 136:364908
TI DNA expression constructs with bidirectional promoters and agricultural uses
IN Gan, Susheng; Xie, Mingtang; He, Yuehui
PA University of Kentucky Research Foundation, USA
SO U.S., 16 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|----|------------|------|----------|-----------------|----------|
| PI | US 6388170 | B1 | 20020514 | US 2000-545244 | 20000407 |

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 3 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.DUPLICATE 1
AN 2002181698 EMBASE
TI ***Grapefruit*** juice reduces the oral bioavailability of fexofenadine but not desloratadine.
AU Banfield C.; Gupta S.; Marino M.; Lim J.; Affrime M.

CS Dr. C. Banfield, Schering-Plough Research Institute, 2015 Galloping Hill
Road, Kenilworth, NJ 07033, United States. christopher.banfield@spcorp.com
SO Clinical Pharmacokinetics, (2002) 41/4 (311-318).
Refs: 25
ISSN: 0312-5963 CODEN: CPKNDH
CY New Zealand
DT Journal; Article
FS 026 Immunology, Serology and Transplantation
030 Pharmacology
037 Drug Literature Index
LA English
SL English

L2 ANSWER 4 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 2002227570 EMBASE
TI Drug interactions of herbal medicines, food and natural stimulants.
AU Fattinger K.; Meier-Abt A.
CS Dr. K. Fattinger, Abteilung Klin. Pharmakol./Toxikol., Departement Innere
Medizin, Universitatsspital Zurich, CH-8091 Zurich, Switzerland.
fattinge@kpt.unizh.ch
SO Therapeutische Umschau, (2002) 59/6 (292-300).
Refs: 61
ISSN: 0040-5930 CODEN: THUMAM
CY Switzerland
DT Journal; Article
FS 017 Public Health, Social Medicine and Epidemiology
030 Pharmacology
037 Drug Literature Index
LA English
SL English

L2 ANSWER 5 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 2002181695 EMBASE
TI The mucosa of the small intestine: How clinically relevant as an organ of
drug metabolism?.
AU Doherty M.M.; Charman W.N.
CS Dr. M.M. Doherty, Department of Pharmaceutics, Victorian College of
Pharmacy, Monash University, 381 Royal Parade, Parkville, Vic. 3052,
Australia. margaret.doherty@vcp.monash.edu.au
SO Clinical Pharmacokinetics, (2002) 41/4 (235-253).
Refs: 130
ISSN: 0312-5963 CODEN: CPKNDH
CY New Zealand
DT Journal; General Review
FS 030 Pharmacology
037 Drug Literature Index
048 Gastroenterology
LA English
SL English

=> d 12 1 ab

L2 ANSWER 1 OF 53 CAPLUS COPYRIGHT 2002 ACS
AB A method for the prodn. of carotenoid compds. is disclosed. The method
relies on the use of microorganisms which metabolize single carbon
substrates for the prodn. of carotenoid compds. in high yields. Thus

Methylomonas strain 16a was genetically enhanced to produce
.beta.-carotene and zeaxanthin from methane.

=> d 12 6-10

L2 ANSWER 6 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:411047 BIOSIS
DN PREV200200411047
TI Pathogenicity of Xanthomonas axonopodis strains isolated from citrus.
AU Naranjo, M. (1); Canteros, B. I.
CS (1) IICIT, Havana Cuba
SO Phytopathology, (June, 2002) Vol. 92, No. 6 Supplement, pp. S128. print.
Meeting Info.: Meeting of the American Phytopathological Society,
Caribbean Division La Habana, Cuba June 11-15, 2001
ISSN: 0031-949X.
DT Conference
LA English

L2 ANSWER 7 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
2
AN 2002:337295 BIOSIS
DN PREV200200337295
TI Quantitative analysis of various citrus oils by ATR/FT-IR and NIR-FT Raman
spectroscopy.
AU Schulz, H. (1); Schrader, B.; Quilitzsch, R.; Steuer, B.
CS (1) Federal Centre for Breeding Research on Cultivated Plants, Institute
for Plant Analysis, D-06484, Quedlinburg Germany
SO Applied Spectroscopy, (January, 2002) Vol. 56, No. 1, pp. 117-124. print.
ISSN: 0003-7028.
DT Article
LA English

L2 ANSWER 8 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:474761 BIOSIS
DN PREV200200474761
TI Genetic ***transformation*** of Citrus paradisi cv. Flame with the
coat protein of three isolates of Citrus Tristeza Closterovirus.
AU Orbovic, V. (1); Noveski, N. (1); Moore, G. A.; Grosser, J. W. (1)
CS (1) IFAS, Citrus Research and Education Center, University of Florida,
Lake Alfred, FL, 33850: orbovic@lal.ufl.edu USA
SO In Vitro Cellular & Developmental Biology Animal, (Spring, 2002) Vol. 38,
No. Abstract, pp. 88.A. print.
Meeting Info.: 2002 Congress on In Vitro Biology Orlando, FL, USA June
25-29, 2002
ISSN: 1071-2690.
DT Conference
LA English

L2 ANSWER 9 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2002:474752 BIOSIS
DN PREV200200474752
TI High ***transformation*** efficiency and increased transgenic plant
regeneration in citrus sp. by the combination of Agrobacterium tumefaciens
and plasmolysis treatment.
AU Kayim, M. (1); Barthe, G. A. (1); Beretta, M. J. G. (1); Derrick, K. S.
(1)

CS (1) Department of Plant Pathology, CREC, University of Florida, 700 Experiment Station Road, Lake Alfred, FL, 33850: KAY@LAL.UFL.EDU USA
SO In Vitro Cellular & Developmental Biology Animal, (Spring, 2002) Vol. 38, No. Abstract, pp. 86.A. print.
Meeting Info.: 2002 Congress on In Vitro Biology Orlando, FL, USA June 25-29, 2002
ISSN: 1071-2690.

DT Conference
LA English

L2 ANSWER 10 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 2001:636631 CAPLUS

TI Effects of polyphenolic compounds in black tea and ***grapefruit*** on the expression of specific genes in normal and cancerous human cell
AU Chen, Kuang Yu; Chen, Min; Lu, Jiebo; Ho, Chi-Tang; Ghai, G.
CS Department of Chemistry and Chemical Biology, Rutgers University, Piscataway, NJ, 08854-8087, USA
SO Abstracts of Papers, 222nd ACS National Meeting, Chicago, IL, United States, August 26-30, 2001 (2001), AGFD-135 Publisher: American Chemical Society, Washington, D. C.
CODEN: 69BUZP
DT Conference; Meeting Abstract
LA English

=> d 12 11-15

L2 ANSWER 11 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2001:416580 BIOSIS

DN PREV200100416580
TI Efficient genetic ***transformation*** of citrus for potential resistance to plant pathogenic viruses, bacteria and fungi.
AU Yang, Z. N. (1); Herron, C. M. (1); Molina, J. J. (1); da Graca, J. V.; Mirkov, T. E. (1)
CS (1) Dept. Plant Pathology and Microbiology, Texas A and M University Agricultural Experiment Station, College Station, TX USA
SO Phytopathology, (June, 2001) Vol. 91, No. 6 Supplement, pp. S97. print.
Meeting Info.: Joint Meeting of the American Phytopathological Society, the Mycological Society of America, and the Society of Nematologists Salt Lake City, Utah, USA August 25-29, 2001
ISSN: 0031-949X.

DT Conference
LA English
SL English

L2 ANSWER 12 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 2001343818 EMBASE

TI The role of pharmacokinetics, drug interactions and pharmacogenetics in the acquired long QT syndrome.
AU Bauman J.L.
CS J.L. Bauman, Department of Pharmacy Practice, Section of Cardiology, University of Illinois, 833 Wood Street m/c 886, Chicago, IL 60612, United States
SO European Heart Journal, Supplement, (2001) 3/K (K93-K100).
Refs: 38
ISSN: 1520-765X CODEN: EHJSFT
CY United Kingdom

DT Journal; Conference Article
 FS 018 Cardiovascular Diseases and Cardiovascular Surgery
 029 Clinical Biochemistry
 037 Drug Literature Index
 038 Adverse Reactions Titles
 LA English
 SL English

L2 ANSWER 13 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 2001:636516 CAPLUS
 TI Powerful aromatic volatile thiols in wines made from several *Vitis vinifera* grape varieties and their releasing mechanism
 AU Takatoshi, Tominaga; Denis, Dubourdieu
 CS Oenologie generale, Faculte d'oenologie, Universite Victor Segalen Bordeaux 2, 33405 Talence, N/A, Fr.
 SO Abstracts of Papers, 222nd ACS National Meeting, Chicago, IL, United States, August 26-30, 2001 (2001), AGFD-020 Publisher: American Chemical Society, Washington, D. C.
 CODEN: 69BUZP

DT Conference; Meeting Abstract
 LA English

L2 ANSWER 14 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:314810 CAPLUS
 DN 132:344450
 TI Peptides with enhanced stability to protease degradation useful in the control of plant diseases
 IN Everett, Nicholas P.; Li, Qingshun; Lawrence, Christopher; Davies, Maelor H.
 PA Interlink Biotechnologies LLC, USA; University of Kentucky Research Foundation
 SO PCT Int. Appl., 50 pp.
 CODEN: PIXXD2

DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-------------------|--|----------|-----------------|----------|
| PI | WO 2000026344 | A1 | 20000511 | WO 1999-US25561 | 19991029 |
| | W: | AT, AU, BR, CA, JP, MX | | | |
| | RW: | AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE | | | |
| | AU 2000037884 | A5 | 20000522 | AU 2000-37884 | 19991029 |
| | BR 9914922 | A | 20010710 | BR 1999-14922 | 19991029 |
| | JP 2002530274 | T2 | 20020917 | JP 2000-579716 | 19991029 |
| PRAI | US 1998-106373P | P | 19981030 | | |
| | US 1998-106537P | P | 19981102 | | |
| | WO 1999-US25561 | W | 19991029 | | |
| OS | MARPAT 132:344450 | | | | |

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 15 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 2000:175956 CAPLUS
 DN 132:219730
 TI Methods for controlling viral diseases in plants involving expression of aptamers for modulation of transcription

IN Gabriel, Dean W.; Duan, Yong Ping
PA University of Florida, USA
SO PCT Int. Appl., 139 pp.

CODEN: PIXXD2

DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|--|------|----------|-----------------|----------|
| PI | WO 2000014260 | A1 | 20000316 | WO 1999-US20455 | 19990903 |
| | W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,
CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY,
KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG | | | | |
| | AU 9961374 | A1 | 20000327 | AU 1999-61374 | 19990903 |
| PRAI | US 1998-99033P | P | 19980903 | | |
| | WO 1999-US20455 | W | 19990903 | | |

=> d 12 16-20

L2 ANSWER 16 OF 53 AGRICOLA DUPLICATE 3
AN 2001:21234 AGRICOLA
DN IND22298047
TI Agrobacterium-mediated ***transformation*** of the commercially
important ***grapefruit*** cultivar Rio Red (Citrus paradisi Macf.).
AU Yang, Z.N.; Ingelbrecht, I.L.; Louzada, E.; Skaria, M.; Mirkov, T.E.
AV DNAL (QK725.P54)
SO Plant cell reports, Dec 2000. Vol. 19, No. 12. p. 1203-1211
Publisher: Berlin : Springer-Verlag.
CODEN: PCRPD8; ISSN: 0721-7714
NTE Includes references
CY Germany
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L2 ANSWER 17 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 2000:429078 BIOSIS
DN PREV200000429078
TI Genetic ***transformation*** of ***grapefruit*** (Citrus paradisi)
and sweet orange (C. sinensis) with the coat protein gene of CTV.
AU Palacios-Torres, Elvia C. (1); Gutierrez-Espinosa, M. Alejandra; Moore,
Gloria A.; Mora-Aguilera, Gustavo (1); Ochoa-Martinez, Daniel L. (1);
Villegas-Monter, Angel
CS (1) Colegio de Postgraduados, Especialidades de Itopatologa, Km 35.5
Carretera Mexico-Texcoco, Montecillo, 56230 Mexico
SO Hortscience, (June, 2000) Vol. 35, No. 3, pp. 402. print.
Meeting Info.: 97th Annual International Conference of the American
Society for Horticultural Science Lake Buena Vista, Florida, USA July
23-26, 2000 American Society for Horticultural Science
. ISSN: 0018-5345.

DT Conference
LA English
SL English

L2 ANSWER 18 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 2001:56096 CAPLUS
DN 134:202199
TI Biomedical, environmental, and industrial application of fiber optical infrared spectroscopy
AU Afanasyeva, Natalia I.; Kolyakov, Sergei F.; Bruch, Reinhard F.; Gummuluri, Satyashree
CS Dept. of Physics, University of Nevada/Reno, Reno, NV, 89557, USA
SO Proceedings of SPIE-The International Society for Optical Engineering (2000), 4129(Subsurface Sensing Technologies and Applications II), 272-283
CODEN: PSISDG; ISSN: 0277-786X
PB SPIE-The International Society for Optical Engineering
DT Journal
LA English

RE.CNT 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 19 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 2000:203566 CAPLUS
DN 133:172707
TI Transgenic ***grapefruit*** plants obtained by Agrobacterium tumefaciens-mediated ***transformation***
AU Luth, Diane; Moore, Gloria
CS Agronomy Department, Iowa State University, Ames, IA, 50011, USA
SO Plant Cell, Tissue and Organ Culture (2000), Volume Date 1999, 57(3), 219-222
CODEN: PTCEDJ; ISSN: 0167-6857
PB Kluwer Academic Publishers
DT Journal
LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 20 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1999:614139 CAPLUS
DN 131:240604
TI A Na+/H+ exchanger protein of Arabidopsis and its in the development of salt tolerance in plants
IN Blumwald, Eduardo; Apse, Maris; Snedden, Wayne; Aharon, Gilad
PA Can.
SO PCT Int. Appl., 93 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE | |
|----|------------|---|----------|-----------------|----------|--|
| | ----- | ----- | ----- | ----- | ----- | |
| PI | WO 9947679 | A2 | 19990923 | WO 1999-CA219 | 19990318 | |
| | WO 9947679 | A3 | 19991125 | | | |
| | W: | AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, | | | | |

TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK,
ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG,
CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
CA 2323756 AA 19990923 CA 1999-2323756 19990318
AU 9928214 A1 19991011 AU 1999-28214 19990318
PRAI US 1998-78474P A2 19980318
US 1999-116111P A2 19990115
WO 1999-CA219 W 19990318

=> d 12 21-25

L2 ANSWER 21 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1999:779009 CAPLUS
DN 132:334631
TI Stereostructure of CYP3A4 inhibitors in ***grapefruit*** juice
AU Ohta, Tomihisa; Nagahashi, Minoru; Miyamoto, Yasuyo; Hosoi, Hinzo;
Maruyama, Takuro; Kiuchi, Fumiuki; Yamazoe, Yasushi
CS Faculty of Pharmaceutical Sciences, Kanazawa University, Japan
SO Tennen Yuki Kagobutsu Toronkai Koen Yoshishu (1999), 41st, 439-444
CODEN: TYKYDS
PB Nippon Kagakkai
DT Journal
LA Japanese

L2 ANSWER 22 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 1999420643 EMBASE
TI [Interaction of estrogens and progestins with other drugs].
INTERAKCIJE ESTROGENIH I GESTAGENIH LIJEKOVA S DRUGIM LIJEKOVIMA.
AU Zorc B.; Martinac A.; Zovko M.
CS B. Zorc, Farmaceutsko-Biokemijski Fakultet, Sveuciliste u Zagrebu, Zagreb,
Croatia
SO Farmaceutski Glasnik, (1999) 55/11 (397-405).
Refs: 23
ISSN: 0014-8202 CODEN: FAGLAI
CY Croatia
DT Journal; (Short Survey)
FS 010 Obstetrics and Gynecology
037 Drug Literature Index
LA Serbo-Croatian
SL English; Serbo-Croatian

L2 ANSWER 23 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1999:733310 CAPLUS
DN 132:325900
TI Investigation of the alteration of the composition of various essential
oils used in aroma lamp applications
AU Oberhofer, Brunhilde; Nikiforov, Alexej; Buchbauer, Gerhard; Jirovetz,
Leopold; Bicchi, Carlo
CS Institute of Organic Chemistry, University of Vienna, Vienna, A-1090,
Austria
SO Flavour and Fragrance Journal (1999), 14(5), 293-299
CODEN: FFJOED; ISSN: 0882-5734
PB John Wiley & Sons Ltd.
DT Journal

LA English

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 24 OF 53 AGRICOLA DUPLICATE 4
AN 2000:40809 AGRICOLA
DN IND22041757
TI Transgenic ***grapefruit*** plants obtained by Agrobacterium tumefaciens-mediated ***transformation*** .
AU Luth, D.; Moore, G.
CS Iowa State University, Ames.
AV DNAL (QK725.P53)
SO Plant cell, tissue and organ culture, 1999. Vol. 57, No. 3. p. 219-222
Publisher: Dordrecht, The Netherlands : Kluwer Academic Publishers.
CODEN: PTCEDJ; ISSN: 0167-6857
NTE Includes references
CY Netherlands
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L2 ANSWER 25 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1999:603986 CAPLUS
DN 131:233940
TI Fiber-optic evanescent wave Fourier- ***transform*** infrared (FEW-FTIR) spectroscopy of polymer surfaces and living tissue
AU Afanasyeva, Natalia I.
CS Dep. Physics/220, Univ. Nevada-Reno, Reno, NV, 89557, USA
SO Macromolecular Symposia (1999), 141(13th European Symposium on Polymer Spectroscopy, 1998), 117-127
CODEN: MSYMEC; ISSN: 1022-1360
PB Wiley-VCH Verlag GmbH
DT Journal
LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d 12 25-30

L2 ANSWER 25 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1999:603986 CAPLUS
DN 131:233940
TI Fiber-optic evanescent wave Fourier- ***transform*** infrared (FEW-FTIR) spectroscopy of polymer surfaces and living tissue
AU Afanasyeva, Natalia I.
CS Dep. Physics/220, Univ. Nevada-Reno, Reno, NV, 89557, USA
SO Macromolecular Symposia (1999), 141(13th European Symposium on Polymer Spectroscopy, 1998), 117-127
CODEN: MSYMEC; ISSN: 1022-1360
PB Wiley-VCH Verlag GmbH
DT Journal
LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L2 ANSWER 26 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.

AN 1999:356520 BIOSIS
DN PREV199900356520
TI Agrobacterium-mediated ***transformation*** of ***grapefruit***
(*Citrus*X *paradisi* Macf. cv Rio Red) and regeneration of transgenic plants.
AU Yang, Z.-Y. (1); Ingelbrecht, I. L. (1); Mirkov, T. E. (1)
CS (1) Texas A and M Univ. Agric. Expt. Station, 2415 E. Hwy 83, Weslaco, TX,
78596 USA
SO In Vitro Cellular & Developmental Biology Animal, (March, 1999) Vol. 35,
No. 3 PART 2, pp. 62.A.
Meeting Info.: Congress on In Vitro Biology New Orleans, Louisiana, USA
June 5-9, 1999
ISSN: 1071-2690.
DT Conference
LA English

L2 ANSWER 27 OF 53 AGRICOLA
AN 1999:35005 AGRICOLA
DN IND21983788
TI ***Transformation*** of *Candida oleophila* and survival of a
transformant on orange fruit under field conditions.
AU Chand-Goyal, T.; Eckert, J.W.; Drobly, S.; Glickman, E.; Atkinson, K.
CS U.S. EPA, Washington, DC.
AV DNAL (QH426.C8)
SO Current genetics, Feb 1999. Vol. 35, No. 1. p. 51-57
Publisher: Berlin ; New York : Springer-Verlag, 1979-
CODEN: CUGEDS; ISSN: 0172-8083
NTE Includes references
CY Germany
DT Article
FS Non-U.S. Imprint other than FAO
LA English

L2 ANSWER 28 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1998:348256 CAPLUS
DN 129:122773
TI Synthesis and inhibitory activity of 7-geranoxycoumarin against
Penicillium species in citrus fruit
AU Angioni, A.; Cabras, P.; D'hallewin, G.; Pirisi, F. M.; Reniero, F.;
Schirra, M.
CS Dipartimento di Tossicologia, Universita di Cagliari, Cagliari, 09126,
Italy
SO Phytochemistry (1998), 47(8), 1521-1525
CODEN: PYTCAS; ISSN: 0031-9422
PB Elsevier Science Ltd.
DT Journal
LA English

L2 ANSWER 29 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE
5
AN 1999:120659 BIOSIS
DN PREV199900120659
TI Interaction of citrus juices with pranidipine, a new 1,4-dihydropyridine
calcium antagonist, in healthy subjects.
AU Hashimoto, K.; Shirafuji, T.; Sekino, H.; Matsuoka, O.; Sekino, H.;
Onnagawa, O.; Okamoto, T.; Kudo, S. (1); Azuma, J.
CS (1) Tokushima Res. Inst., Otsuka Pharmaceuticals, 463-10 Kagasuno
Kawauchi-cho, Tokushima 771-0192 Japan

SO European Journal of Clinical Pharmacology, (Nov.-Dec., 1998) Vol. 54, No. 9-10, pp. 753-760.
ISSN: 0031-6970.

DT Article

LA English

L2 ANSWER 30 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1998:31631 CAPLUS
DN 128:43171

TI Automated Multivariate Calibration in Sequential Injection-Fourier
Transform Infrared Spectroscopy for Sugar Analysis

AU Schindler, R.; Watkins, M.; Vonach, R.; Lendl, B.; Kellner, R.; Sara, R.

CS Vienna University of Technology, Vienna, A-1060, Austria

SO Analytical Chemistry (1998), 70(2), 226-231
CODEN: ANCHAM; ISSN: 0003-2700

PB American Chemical Society

DT Journal

LA English

=> d 12 31-25

'31-25' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):31-35

'31-35' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):d 12 31-35

'D' IS NOT A VALID FORMAT

'L6' IS NOT A VALID FORMAT

'31-35' IS NOT A VALID FORMAT

In a multifile environment, a format can only be used if it is valid in at least one of the files. Refer to file specific help messages or the STNGUIDE file for information on formats available in individual files.

REENTER DISPLAY FORMAT FOR ALL FILES (FILEDEFAULT):ibib

L2 ANSWER 1 OF 53 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2002:172119 CAPLUS
DOCUMENT NUMBER: 136:231339
TITLE: Carotenoid production from a single carbon substrate
INVENTOR(S): Brzostowicz, Patricia C.; Cheng, Qiong; Dicosimo,
Deana J.; Koffas, Mattheos; Miller, Edward S.; Odom,
J. Martin; Picataggio, Stephen K.; Rouviere, Pierre E.
PATENT ASSIGNEE(S): E.I. Dupont De Nemours and Company, USA
SOURCE: PCT Int. Appl., 156 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 4
PATENT INFORMATION:

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|------------|
| WO 2002018617 | A2 | 20020307 | WO 2001-US27420 | 20010904 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL,
PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG,
US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| US 2002142408 | A1 | 20021003 | US 2001-938956 | 20010824 |
| AU 2001088699 | A5 | 20020313 | AU 2001-88699 | 20010904 |
| PRIORITY APPLN. INFO.: | | | | |
| | | | US 2000-229858P | P 20000901 |
| | | | US 2000-229907P | P 20000901 |
| | | | WO 2001-US27420 | W 20010904 |

=> d 12 31-35

L2 ANSWER 31 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1998:461134 CAPLUS
DN 129:77183
TI Transgenic approaches to modulating naringin content in Citrus paradisi
AU Luth, Diane
CS Univ. of Florida, Gainesville, FL, USA
SO (1997) 97 pp. Avail.: UMI, Order No. DA9824107
From: Diss. Abstr. Int., B 1998, 59(2), 478
DT Dissertation
LA English

L2 ANSWER 32 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1997:679171 CAPLUS
DN 127:327456
TI Regulated excision of a target gene from the ***transformation*** vector in the recipient cell using a site-specific recombinase
IN Surin, Brian Peter; De Feyter, Robert Charles; Graham, Michael Wayne;
Waterhouse, Peter Michael; Keese, Paul Konrad; Shahjahan, Ali
PA Commonwealth Scientific and Industrial Research Organisation, Australia;
The Australian National University; Surin, Brian Peter; De Feyter, Robert
Charles; Graham, Michael Wayne; Waterhouse, Peter Michael; Keese, Paul
Konrad; Shahjahan, Ali
SO PCT Int. Appl., 85 pp.
CODEN: PIXXD2
DT Patent
LA English

FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|--|------|----------|-----------------|----------|
| PI WO 9737012 | A1 | 19971009 | WO 1997-AU197 | 19970327 |
| W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, GH, HU, IL, IS, JP, KE, KG, KP, KR, KZ,
LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL,
PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ,
VN, YU, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
RW: GH, KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, | | | | |

GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN,
 ML, MR, NE, SN, TD, TG
 CA 2250111 AA 19971009 CA 1997-2250111 19970327
 AU 9721437 A1 19971022 AU 1997-21437 19970327
 AU 717267 B2 20000323
 EP 922097 A1 19990616 EP 1997-913984 19970327
 R: BE, CH, DE, ES, FR, GB, IT, LI, NL, SE
 JP 2000507446 T2 20000620 JP 1997-534743 19970327
 US 2002147168 A1 20021010 US 2001-850846 20010507
 PRAI AU 1996-9031 A 19960329
 WO 1997-AU197 W 19970327

L2 ANSWER 33 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 1997:501512 CAPLUS
 DN 127:131978
 TI Grapevine leafroll virus proteins and uses in producing transgenic
 virus-resistant grape or citrus plants
 IN Gonsalves, Dennis; Ling, Kai-Shu
 PA Cornell Research Foundation, Inc., USA
 SO PCT Int. Appl., 171 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|------|-----------------|------|--|-----------------|----------|
| PI | WO 9722700 | A2 | 19970626 | WO 1996-US20747 | 19961220 |
| | WO 9722700 | A3 | 19971211 | | |
| | | W: | AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE,
DK, EE, ES, FI, GB, GE, HU, IL, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT,
RO, RU, SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM,
AZ, BY, KG, KZ, MD, RU, TJ, TM | | |
| | | RW: | KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML,
MR, NE, SN, TD, TG | | |
| | ZA 9610721 | A | 19980619 | ZA 1996-10721 | 19961219 |
| | CA 2242402 | AA | 19970626 | CA 1996-2242402 | 19961220 |
| | AU 9716889 | A1 | 19970714 | AU 1997-16889 | 19961220 |
| | AU 727208 | B2 | 20001207 | | |
| | EP 896624 | A2 | 19990217 | EP 1996-945666 | 19961220 |
| | | R: | AT, CH, DE, ES, FR, IT, LI, PT, SI | | |
| PRAI | US 1995-9008P | P | 19951221 | | |
| | WO 1996-US20747 | W | 19961220 | | |

L2 ANSWER 34 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 1997:598196 CAPLUS
 DN 127:233650
 TI Hyphenation of Ion Exchange High-Performance Liquid Chromatography with
 Fourier ***Transform*** Infrared Detection for the Determination of
 Sugars in Nonalcoholic Beverages
 AU Vonach, Richard; Lendl, Bernhard; Kellner, Robert
 CS Institute for Analytical Chemistry, Vienna University of Technology,
 Vienna, A-1060, Austria
 SO Analytical Chemistry (1997), 69(20), 4286-4290
 CODEN: ANCHAM; ISSN: 0003-2700
 PB American Chemical Society

DT Journal
LA English

L2 ANSWER 35 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1998:67584 CAPLUS
DN 128:190252
TI 11. β -Hydroxysteroid dehydrogenase activity in progesterone biotransformation by the filamentous fungus *Cochliobolus lunatus*
AU Vitas, Marko; Pajic, Tadej; Kelly, Steven L.; Komel, Radovan
CS Medical Centre for Molecular Biology, Institute of Biochemistry, Ljubljana, 1000, Slovenia
SO Journal of Steroid Biochemistry and Molecular Biology (1997), 63(4-6), 345-350
CODEN: JSBBEZ; ISSN: 0960-0760
PB Elsevier Science Ltd.
DT Journal
LA English

=> d 12 36-40

L2 ANSWER 36 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 96288981 EMBASE
DN 1996288981
TI Inhibition and kinetics of cytochrome P4503A activity in microsomes from rat, human, and cDNA-expressed human cytochrome P450.
AU Ghosal A.; Satoh H.; Thomas P.E.; Bush E.; Moore D.
CS Drug Metabolism and Pharmacokinetics, Hoffmann-La Roche, Inc., 340 Kingsland Street, Nutley, NJ 07110-1199, United States
SO Drug Metabolism and Disposition, (1996) 24/9 (940-947).
ISSN: 0090-9556 CODEN: DMDSAI
CY United States
DT Journal; Article
FS 030 Pharmacology
037 Drug Literature Index
LA English
SL English

L2 ANSWER 37 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1996:43544 BIOSIS
DN PREV199698615679
TI Plant Breeding Reviews, Vol. 13.
AU Janick, Jules [Editor]
CS Purdue Univ., West Lafayette, IN USA
SO Janick, J. [Editor]. Plant Breeding Reviews, (1995) Vol. 13, pp. xii+383p.
Plant Breeding Reviews.
Publisher: John Wiley and Sons, Inc. 605 Third Avenue, New York, New York 10158-0012, USA.
ISSN: 0730-2207. ISBN: 0-471-57343-4.
DT Book
LA English

L2 ANSWER 38 OF 53 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V.
AN 95215112 EMBASE
DN 1995215112
TI Lacking effect of ***grapefruit*** juice on theophylline pharmacokinetics.

AU Fuhr U.; Majer A.; Keller A.; Steinijans V.W.; Sauter R.; Staib A.H.
CS Abteilung Klinische Pharmakologie, Klinikum der JWG-Universitat,
Theodor-Stern-Kai 7, D-60590 Frankfurt, Germany
SO International Journal of Clinical Pharmacology and Therapeutics, (1995)
33/6 (311-314).
ISSN: 0946-1965 CODEN: ICTHEK
CY Germany
DT Journal; Article
FS 030 Pharmacology
037 Drug Literature Index
038 Adverse Reactions Titles
LA English
SL English

L2 ANSWER 39 OF 53 AGRICOLA DUPLICATE 6
AN 94:83802 AGRICOLA
DN IND20428726

TI Examination of the usefulness of empirical kinetic equations for
describing the formation of 5-HMF in ***grapefruit*** juice.

AU Kormendy, I.; Patkai, G.; Senyi, J.; Gion, B.

AV DNAL (TP368.J68)

SO Journal of food engineering, 1994. Vol. 23, No. 4. p. 519-531
Publisher: Oxford : Elsevier Applied Science Publishers.

CODEN: JFOEDH; ISSN: 0260-8774

NTE Includes references

CY England; United Kingdom

DT Article

FS Non-U.S. Imprint other than FAO

LA English

L2 ANSWER 40 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1992:351864 BIOSIS
DN BA94:44089

TI RELATIONSHIP OF LEAF SURFACE POPULATIONS OF STRAINS OF
XANTHOMONAS-CAMPESTRIS PV. CITRUMELO TO DEVELOPMENT OF CITRUS BACTERIAL
SPOT AND PERSISTENCE OF DISEASE SYMPTOMS.

AU GOTTWALD T R; GRAHAM J H; RICHIE S M

CS AGRIC. RES. SERV., U.S. DEP. AGRIC., 2120 CAMDEN ROAD, ORLANDO, FLA.
32803.

SO PHYTOPATHOLOGY, (1992) 82 (6), 625-632.
CODEN: PHYTAJ. ISSN: 0031-949X.

FS BA; OLD

LA English

=> d 12 41-45

L2 ANSWER 41 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1984:206560 CAPLUS
DN 100:206560

TI Regioselective biotransformation of valencene in cell suspension cultures
of Citrus sp

AU Drawert, F.; Berger, R. G.; Godelmann, R.

CS Inst. Lebensmitteltechnol. Anal. Chem., Tech. Univ. Muenchen, Freising,
D-8050, Fed. Rep. Ger.

SO Plant Cell Reports (1984), 3(1), 37-40

CODEN: PCRPD8; ISSN: 0721-7714

DT Journal
LA English

L2 ANSWER 42 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1983:554274 CAPLUS
DN 99:154274
TI Biosynthesis of allylic isoprenoid pyrophosphates by an enzyme preparation from the flavedo of Citrus paradisi
AU Perez, Luz M.; Lozada, Ramon; Cori, Osvaldo
CS Lab. Bioquim. Gen., Univ. Chile, Santiago, Chile
SO Phytochemistry (Elsevier) (1983), 22(2), 431-3
CODEN: PYTCAS; ISSN: 0031-9422
DT Journal
LA English

L2 ANSWER 43 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.DUPLICATE 7
AN 1984:181791 BIOSIS
DN BA77:14775
TI STIMULATORY EFFECT OF GLYCEROL ON GROWTH AND SOMATIC EMBRYOGENESIS IN CITRUS CALLUS CULTURES.
AU BEN-HAYYIM G; NEUMANN H
CS INST. HORTICULTURE, AGRIC. RES. ORGANIZATION, VOLCANI CENTER, BET DAGAN, ISR.
SO Z PFLANZENPHYSIOL, (1983) 110 (4), 331-338.
CODEN: ZSPPAD. ISSN: 0044-328X.
FS BA; OLD
LA English

L2 ANSWER 44 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1978:88599 BIOSIS
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CODEN: HJHSAR. ISSN: 0018-5345.
DT Conference
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L2 ANSWER 45 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1976:28124 CAPLUS
DN 84:28124
TI C-2 Stereochemistry of naringin and its relation to taste and biosynthesis in maturing ***grapefruit***
AU Gaffield, William; Lundin, Robert E.; Gentili, Bruno; Horowitz, Robert M.
CS WRRL, ARS, Berkeley, Calif., USA
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CODEN: BOCMBM
DT Journal
LA English

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L2 ANSWER 46 OF 53 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.
AN 1971:82557 BIOSIS

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TI ***TRANSFORMATION*** STUDIES ON BIO FLAVONOIDS.
AU CIEGLER A; LINDENFELSER L A; NELSON G E N
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L2 ANSWER 47 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1971:63286 CAPLUS
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AU Stevens, Kenneth L.
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SO J. Sci. Food Agr. (1970), 21(11), 593-6
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L2 ANSWER 48 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1967:79483 CAPLUS
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AU Kesterson, James W.; Hendrickson, Rudolph
CS Univ. of Florida, Lake Alfred, Florida, USA
SO Am. Perfum. Cosmet. (1967), 82(1), 37-40
CODEN: APRCAS
DT Journal
LA English

L2 ANSWER 49 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1966:466866 CAPLUS
DN 65:66866
OREF 65:12486h,12487a-b
TI Influence of sugars on naringinase action
AU Omura, Hirohisa; Yasukochi, Tsutomu; Yamafuji, Kazuo
CS Kyushu Univ., Fukuoka, Japan
SO Kyushu Daigaku Nogakubu Gakugei Zasshi (1966), 22(2), 181-90
DT Journal
LA Japanese

L2 ANSWER 50 OF 53 CAPLUS COPYRIGHT 2002 ACS
AN 1963:29703 CAPLUS
DN 58:29703
OREF 58:5000d-f
TI Nitrogen ***transformations*** in citrus trees
AU Stewart, Ivan
CS Florida Citrus Expt. Sta., Lake Alfred
SO Soil Crop Sci. Soc. Florida, Proc. (1962), Volume Date 1961, 21, 272-82
DT Journal
LA Unavailable

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L2 ANSWER 51 OF 53 CAPLUS COPYRIGHT 2002 ACS

AN 1962:412633 CAPLUS
 DN 57:12633
 OREF 57:2616a-c
 TI Changes in biochemical processes in the grape plant during application of manganese fertilization
 AU Dobrolyubskii, O. K.; Ryzha, V. K.
 CS Agr. Inst., Odessa
 SO Fiziol. Rast. (1962), 9(1), 53-9
 DT Journal
 LA Unavailable

L2 ANSWER 52 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 1941:18166 CAPLUS
 DN 35:18166
 OREF 35:2927d-h
 TI The accumulation and ***transformation*** of substances during ripening and storing of citrus fruits
 AU Grebinskii, S. O.
 SO Biokhim. Kul'tur. Rastenii (1940), 7, 276-300
 DT Journal
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L2 ANSWER 53 OF 53 CAPLUS COPYRIGHT 2002 ACS
 AN 1914:18837 CAPLUS
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 AU Kellerman, K. F.; Wright, R. C.
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=> s pomelo and transformation
 L5 0 POMELO AND TRANSFORMATION

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(Y)/N:y

L2 ANSWER 19 OF 53 CAPLUS COPYRIGHT 2002 ACS
AB The economically important citrus crop plant, ***grapefruit***, was genetically ***transformed***, which has not been previously reported. Seedling epicotyl tissue was infected with Agrobacterium tumefaciens carrying a T-DNA vector plasmid contg. genes for the scorable marker, .beta.-glucuronidase (GUS) and the selectable marker NPTII. Shoots that regenerated from epicotyl segments from nucellar seedlings in the presence of kanamycin were analyzed. Histochem. staining verified expression of the GUS reporter gene in 43.5% of the regenerated shoots exampd.; however, the majority were chimeric for GUS expression while 11.9% stained solid blue. Transgenic plants were recovered from regenerated shoots by direct rooting using a simple protocol. The presence of the transgene was confirmed in 25 regenerated ***grapefruit*** plants by histochem. staining, PCR and Southern hybridization.

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L2 ANSWER 19 OF 53 CAPLUS COPYRIGHT 2002 ACS
ACCESSION NUMBER: 2000:203566 CAPLUS
DOCUMENT NUMBER: 133:172707
TITLE: Transgenic ***grapefruit*** plants obtained by Agrobacterium tumefaciens-mediated ***transformation***
AUTHOR(S): Luth, Diane; Moore, Gloria
CORPORATE SOURCE: Agronomy Department, Iowa State University, Ames, IA, 50011, USA
SOURCE: Plant Cell, Tissue and Organ Culture (2000), Volume Date 1999, 57(3), 219-222
CODEN: PTCEDJ; ISSN: 0167-6857
PUBLISHER: Kluwer Academic Publishers
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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